

Application No.: 10/032,117

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Docket No.: 02598/000K132-US0

Express Mail No. EV34006355448 Dated: October 10, 2003



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(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Ta Kyoung Lee et al.

Application No.: 10/032,117

Art Unit: 2834

Filed: December 21, 2001

Examiner: Dang D. Le

For: VIBRATION MOTOR

**AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INTRODUCTORY COMMENTS**

In response to the Office Action of June 10, 2003 which, by extension of time, may be responded to on or before October 10, 2003, please amend the above-identified patent application as follows:

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It should be noted that two amendments have been made at line 10 of claim 4. One corrected a misspelling of the word "said" and the second an inadvertent omission of the word "in" after "being."

Claim 15 was amended at line 7 to recite that the curved bending portion curves around the shaft. This was intended to make it clear that the motor being claimed was the type having a curved brush, not the straight brush of Aoki. As explained above, the point contact problem does not occur with straight brushes, but with curved brushes. Moreover, the Applicants avoided this problem by providing a brush having a contact line as claimed at line 8 and illustrated, for example, in Fig. 12 (compare this to Fig. 5). This contact line is parallel to the commutator and overcomes the point contact problem. This feature is not taught or suggested by either cited reference or the combination thereof. Accordingly, claim 15 should now be allowable.

Applicants' attorney has made every effort to place this patent application in condition for allowance. It is therefore earnestly requested that this patent application, as a whole, receive favorable reconsideration and that all of the claims be allowed as presently constituted. Should there remain any unanswered questions, the Examiner is requested to call the Applicants' undersigned attorney at the telephone number indicated below.

Dated: October 10, 2003

Respectfully submitted,

By 

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